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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ha et al)
For: Processor Controlled Strobe)
Serial No.: 09/767,897)
Filed: January 23, 2001)
Examiner: Lee, Wilson)
Art Unit: 2563)
Docket No. 8358/85501)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date listed below.

Robert K. Fisher
Aug 19 2002
(Date)

RESPONSE TO THE OUTSTANDING RESTRICTION
REQUIREMENT MAILED JULY 17, 2002

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Hon. Comm. For Patents
Washington, D.C. 20231

Responding to the Examiner's restriction requirement, applicant hereby elects Group II claims for initial prosecution on the merits. This election is made with traverse.

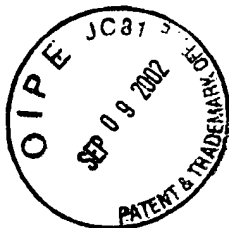
Submitted concurrently herewith is a fourth Preliminary Amendment as well as a Second Supplemental Information Statement. It is requested that the Amendment, directed to the elected Group II claims be entered and that the documents in the Second Supplemental Information Disclosure Statement would be made of record in connection with this application.

Respectfully submitted,
WELSH & KATZ, LTD.

BY: *Paul*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Simon Ha et al
Appln. No.: 09/767,897
Filed: January 23, 2001
Title: Processor Controlled Strobe
Group Art Unit: 2632
Examiner: Lee, Wilson
Docket No.: BRS 222.0 US

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: **Commissioner of Patents, Washington, D.C. 20231**, on the date below.

Laura A. Lieber

8-16-02

(Date)

FOURTH PRELIMINARY AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

Please enter the following amendments:

10. (Amended) A strobe comprising:
- a housing;
 - a gas filled tube;
 - a capacitor coupled to the tube;
 - a candela specifying element;
 - input terminals for receipt of voltages in a range of 10-30 volts; and
 - control circuitry carried in the housing,
 - coupled to the capacitor, the specifying element and the input
- terminals;

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wherein the control circuitry includes a capacitor voltage feedback circuit, and in response to a feedback signal therefrom, incrementally alters a capacitor charging parameter for a subsequent charging cycle so as to produce the specified candela when the tube is energized.

62. (Amended) A strobe comprising:

a housing;
a triggerable source of illumination carried by the housing;
control circuitry carried by the housing and coupled to the source of illumination;

D2
an illumination output specifying element, coupled to the control circuitry, for specifying a desired light output;

a power supply, carried by the housing, and coupled to the control circuit, wherein the supply includes input terminals for receipt of electrical energy of varying levels; and wherein the control circuitry is responsive to received levels of electrical energy varying over at least 8-30 volts to provide the specified output of illumination, and wherein the control circuitry initiates each charging cycle by step-wise increasing a capacitor charging duty cycle parameter on a predetermined basis prior to altering that parameter in response to a feedback signal from the capacitor.--

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68. (Amended) A strobe comprising:

a housing;
a light source;
a capacitor coupled to the source;
a candela specifying element;
input terminals for receipt of voltages in one of a range of 8-18 volts or

16-33 volts; and

control circuitry, carried in the housing coupled at least to the capacitor, and the specifying element and instructions for charging the capacitor in a